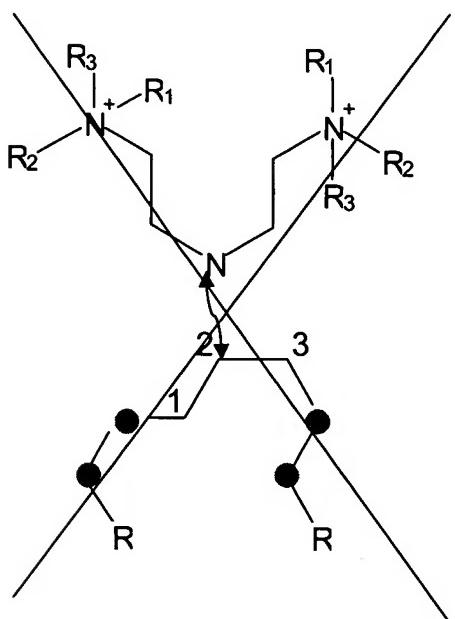
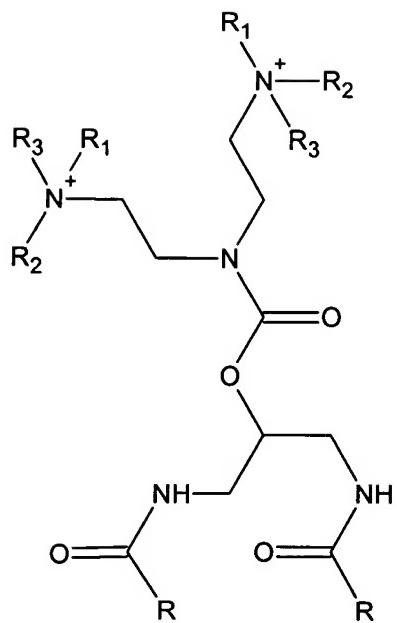


### C. Amendments of the Claims

1. (Currently Amended) Aqueous lipid dispersions made by double chained cationic lipids that have a bifunctional polar head and the two hydrophobic chains composed of linear alkyl (saturated) hydrocarbons are at position 1 and 3 as shown below, for nucleic acid, peptide and other synthetic molecule drug delivery. Cationic lipids of the general formula S for nucleic acid delivery, *in vitro* and *in vivo*.





**Structure S of cationic lipids.**

$R = C_{11}H_{23}, C_{13}H_{27}, C_{15}H_{31}, C_{17}H_{35}, C_{17}H_{31}$  (oleoyl)

$R_1 = H, CH_3, -C(NH_2) = NH$

$R_2 = H, CH_3$

$R_3 = H, CH_3$

connector :  $-CH_2-, CO-, OCO-, CH_2CH_2-, CH_2CO-, CH_2OCO-, -CH_2CH_2CO-,$   
 $-CH_2CH_2OCO-$

● :  $-CH_2-, CO-, NH-, S-, O-$

2. (Cancelled)
3. (new) The lipid dispersion of claim 1, comprising an acid salt of the cationic lipids of formula S
4. (new) The lipid dispersion of claim 1, wherein the dispersion further comprises a neutral phospholipids species
5. (new) The lipid dispersion of claim 1, wherein the dispersion further comprises a neutral cholesterol-based surfactant
6. (new) The lipid dispersion of claim 1, further comprising polyethylene glycol moieties.